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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/879,770	06/11/2001	David M. Aronovitz	SUN-P6047-SH	4711

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HOYT A. FLEMING III
P.O. BOX 140678
BOISE, ID 83714

EXAMINER

DESIR, JEAN WICEL

ART UNIT	PAPER NUMBER
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2614

DATE MAILED: 07/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/879,770

Applicant(s)

ARONOVITZ, DAVID M.

Examiner

Jean W. Désir

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 April 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-47 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 19-47 is/are allowed.
- 6) ☒ Claim(s) 1-4, 8-13, 17 and 18 is/are rejected.
- 7) ☒ Claim(s) 5-7 and 14-16 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

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DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-4, 8-13, 17, 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wakai et al (US 5,973,722).

Claim 1:

Wakai discloses:

“a network adapter”, see Fig. 5 item 526;

“a microprocessor physically and electrically coupled to the network adapter”,
see Fig. 5 item 500;

“a graphics adapter physically and electrically coupled to the microprocessor”,
see Fig. 5 item 530;

“a light valve physically and electrically coupled to the graphics adapter; and a
light source physically coupled to the light valve”, see Fig. 5 item 536;

“wherein the video projector is operable to receive video data in digital form from
the network adapter (526) and wherein the video projector is operable to transfer the
video data to the microprocessor (500), the graphics adapter (530), and the light valve
(536) in digital form”;

the difference between the claimed invention and Wakai's disclosure is that the Wakai's disclosure does not explicitly show a light valve and light source as claimed. However, Wakai's disclosure shows a LCD display (item 536 of Fig. 5) that would have rendered the claimed invention obvious to an artisan, because LCD display based on light valve coupled to light source is a very well known device in the art capable of providing high brightness and efficiency without excessive power consumption. Therefore, the claimed invention would have been obvious to a person of ordinary skill in the art at the time the invention was made.

Claim 2 is met by Fig. 5 item 504 which is a power supply as claimed.

Claims 3, 4 are disclosed, see Fig. 5 item 526, col. 13 line 57.

Claims 8, 9 are obvious to an artisan because of the LCD display (item 536) as explained in the rejection of claim 1.

Claim 10 is rejected for the same reasons as claims 1 and 2, and the power supply (item 504) is operable to supply power to network adaptor, the microprocessor, the graphics adapter and the light valve as claimed.

Claims 11-13 are rejected for the same reasons as claims 2-4.

Claims 17, 18 are rejected for the same reasons as claims 8, 9.

Response to Arguments

3. Applicant's arguments have been fully considered but they are not persuasive.

Applicant argues, on page 11 of the REMARKS, "As a result, the graphics adapter 530 does not meet claim 1's requirement that video data is output from a

graphics adapter in digital form". These arguments are not persuasive, because the language "video data is output from a graphics adapter in digital form" is not in claim 1 as argued by the Applicant; the claim 1's requirement is "the video projector is operable to transfer the video data to the microprocessor, the graphics adapter, and the light valve in digital form" and this requirement is met by Wakai's disclosure as pointed out in the rejection and also Wakai's disclosure is operable in digital form (see for instance the title of the disclosure).

Applicant argues, on pages 12, 13 of the REMARKS, "In addition the elements of Wakai et al. cited by the Examiner are not a part of a "video projector" as required by claims 1 and 10". These arguments are not persuasive, because the elements of Wakai et al. cited by the Examiner are identical to the elements of a video projector; thus, they are part of a "video projector" as required by claims 1 and 10.

Allowable Subject Matter

4. Claims 5-7, 14-16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
5. Claims 19-47 are allowed.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean W. Désir whose telephone number is (703) 308 9571. The examiner can normally be reached on 5/4/9 - First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Miller can be reached on (703) 305 4795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JWD
Jul. 11, 04


MICHAEL H. LEE
PRIMARY EXAMINER